

Attorney Docket No. 108298718US Disclosure No. 03-0120.00/US

PTO/S8/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subs	Substitute for form 1449A/B/PTO			Complete If Known		
000.	30.000 101 101111 144071			Application Number	10/733,523-Conf. #9060	
IN	FORMATI	ON DISC	CLOSURE	Filing Date	December 10, 2003	
S.	TATEMEN'	T BY AP	PLICANT	First Named Inventor	Kevin L Beaman	
				Art Unit	1762	
	(Use as many she ets as necessary)			Examiner Name	D. P. Turocy	
Sheet	1	of	13	Attorney Docket Number	108298718US	

			U.S. PATENT (DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
&		US-10/767,298	Filed 01-28-2004	Zheng et al.	
1	US-11/027,825		Filed 12-29-2004	Derderian et al.	
		US-10/933,604	Filed 09-02-2004	Carpenter et al.	
		US-10/687,458	Filed 10-15-2003	Kubista et al.	
		US-10/683,424	Filed 10-10-2003	Mardian .	
		US-10/839,316	Filed 05-05-2004	Saragiannis et al.	·
		US-10/814,573	Filed 03-31-2004	Gealy et al.	
		US-11/043,629	Filed 01-25-2005	Rueger et al.	
		US-11/018,142	Filed 12-20-2004	Rueger et al.	
		US-10/840,571	Filed 05-06-2004	Dando et al.	
		US-10/859,883	Filed 06-02-2004	Miller et al.	
		US-10/683,606	Filed 10-09-2003	Derderian	
		US-11/027,809	Filed 12-29-2004	Carpenter et al.	
		US-579,269	03-23-1897	Hent	
		US-3,618,919	11-09-1971	Beck	
		US-3,620,934	11-16-1971	Endle	
		US-3,630,881	12-28-1971	Lester et al.	
		US-3,630,769	12-28-1971	Hart et al.	
		US-3,634,212	01-11-1972	Valayll et al.	
1		US-4,018,949	04-19-1977	Donokowski et al.	<u> </u>
85		US-4,242,182	12-30-1980	Popescu	



Substitute for form 1449A/B/PTO Complete if Known			Cnown	
	Application Number 10/733,523-Conf. #9060			
INFORMATION I	DISCLOSURE	Filing Date		
STATEMENT BY APPLICANT		First Named Inventor	Kevin L Be	eaman
(Use as many she ets as necessary)		Art Unit	1762	
(Use as many sheets		Examiner Name	D. P. Turo	
Sheet 2 o	1 13	Attomey Docket Number	10829871	8US
US-4,269,625	05-26-1981	Molenaar		
US-4,289,061	09-15-1981	Emmett		
US-4,397,753	08-09-1983	Czaja		
US-4,438,724	03-27-1984	Doehler et al.		
US-4,469,801	09-04-1984	Hirai et al.		
US-4,545,136	10-08-1985	izu et al.		
US-4,590,042	05-20-1986	Drage		
US-4,681,777	07-21-1987	Engelken et al.		
US-4,826,579	05-02-1989	Westfall		
US-4,948,979	08-14-1990	Munakata et al.		
US-4,949,669	08-21-1990	Ishii et al.		
US-4,966,646	10-30-1990	Zdeblick		
US-4,977,106	12-11-1990	Smith		
US-5,076,205	12-31-1991	Vowles et al.		
US-5,091,207	02-25-1992	Tanaka		
US-5,131,752	07-21-1992	Yu et al.		
US-5,136,975	08-11-1992	Bartholomew et	al.	
US-5,172,849	12-22-1992	Barten et al.		
US-5,200,023	04-06-1993	Gifford et al.	•	
US-5,223,113	06-29-1993	Kaneko et al.		
US-5,232,749	08-03-1993	Gilton		
US-5,248,527	09-28-1993	Uchida et al.		
US-5,364,219	11-15-1994	Takahashi et al.		
US-5,377,429	01-03-1995	Sandhu et al.		
US-5,380,396	01-10-1995	Shikida et al.		
US-5,409,129	04-25-1995	Tsukada et al.		
US-5,418,180	05-23-1995	Brown		
US-5,427,666	06-27-1995	Mueller et al.		
US-5,433,835	07-18-1995	Demaray et al.		
US-5,445,491	08-29-1995	Nakagawa et al		
US-5,480,818	01-02-1996	Matsumoto et a		
OS US-5,498,292	03-12-1996	Ozaki		

				_
Examiner	Date	1 . 1 -	1	- 1
CABITITIES		1 リンノフ	. 1 95	- 1
Signature	Considered `	1. 1 <i>-1</i> -	, ~	- 1
Olgrature				_

Attorney Docket No. 108298718US Disclosure No. 03-0120.00/US

PTO/SB/98a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid CMB control number.

Colored to the form 44404 PRICE			Complete If I	(nown	
Substitute for form 1449A/B/PTO	·			-Conf. #9060	
INFORMATION D	ISCLOSURE	Filing Date	December	December 10, 2003	
STATEMENT BY		First Named Inventor	First Named Inventor Kevin L Beaman		
		Art Unit	1762		
(Use as many she ets	as necess ary)	Examiner Name	D. P. Turc	су	
Sheet 3 of	13	Attorney Docket Number	10829871	8US	
US-5,500,256	03-19-1996	Watabe			
US-5,522,934	06-04-1996	Suzuki et al.			
US-5,536,317	07-16-1996	Crain et al.			
US-5,562,800	10-08-1996	Kawamura			
US-5,589,002	12-31-1996	Su			
US-5,592,581	01-07-1997	Okase			
US-5,595,606	01-21-1997	Fujikawa et al.			
US-5,599,513	02-04-1997	Masaki et al.	j		
US-5,624,498	04-29-1997	Lee et al.			
US-5,626,936	05-06-1997	Alderman			
US-5,640,751	06-24-1997	Faria			
US-5,643,394	07-01-1997	Maydan et al.			
US-5,654,589	08-05-1997	Huang et al.			
US-5,693,288	12-02-1997	Nakamura			
US-5,729,896	03-24-1998	Dalal et al.			
US-5,746,434	05-05-1998	Boyd et al.		. •	
US-5,766,364	06-16-1998	Ishida et al.			
US-5,769,952	06-23-1998	Komino			
US-5,788,778	08-04-1998	Shang et al.			
US-5,792,700	08-11-1998	Turner et al.		·	
US-5,792,269	08-11-1998	Deacon et al.			
US-5,820,641	10-13-1998	Gu et al.			
US-5,827,370	10-27-1998	Gu			
US-5,833,888	11-10-1998	Arya et al.			
US-5,846,330	12-08-1998	Quirk et al.			
US-5,846,275	12-08-1998	Lane et al.			
US-5,851,849	12-22-1998	Comizzoli et al.			
US-5,865,417	02-02-1999	Harris et al.			
US-5,879,459	03-09-1999	Gadgil et al.			
US-5,895,530	04-20-1999	Shrotriya et al.			
US-5,908,947	06-01-1999	Vaartstra		·	
US-5,932,286	08-03-1999	Beinglass et al.		1	

Examiner Signature	Date Considered	2/00
		 7

			river or 1933, to persons all rou	New telephonograms	Complete if I	s it contains a valid OMB control number. Known
Substitu	Substitute for form 1449A/B/PTO				10/733,523-Conf. #9060	
INF	ORMATIO	N DI	SCLOSURE	Filing Date		r 10, 2003
			APPLICANT	First Named Inventor		
"				Art Unit	1762	
	(Use as many she ets as necessary)			Examiner Name	D. P. Turc	осу
Sheet	4	af	13	Attorney Docket Number	10829871	8US
Q\	US-5,953	,634	09-14-1999	Kajita et al.		
	US-5,956	,613	09-21-1999	Zhao et al.		
	US-5,968	,587	10-19-1999	Frankel		
	US-5,972	,430	10-26-1999	DiMeo, Jr. et al.	•	
	US-5,994	,181	11-30-1999	Hsieh et al.		
	US-5,997	,588	12-07-1999	Goodwin et al.		·
	US-6,008	,086	12-28-1999	Schuegraf et al.		
	US-6,032	,923	03-07-2000	Biegelsen et al.		
	US-6,042	,652	03-28-2000	Hyun et al.		
$H \rightarrow$	US-6,045	,620	04-04-2000	Tepman et al.		
	US-6,059	,885	05-09-2000	Ohashi et al.		
	US-6,062	,256	05-16-2000	Miller et al.		
	US-6,070	,551	06-06-2000	Li et al.		
	US-6,080	,446	06-27-2000	Tobe et al.		•
H	US-6,079	,426	06-27-2000	Subrahmanyan	et al.	
	US-6,086	,677	07-11-2000	Umotoy et al.		
	US-6,089	,543	07-18-2000	Freerks		
	US-6,109	,206	08-29-2000	Maydan et al.		
	US-09/65	1,037	08-30-2000	Mardian		
	US-6,123	,107	09-26-2000	Selser et al.		
	US-6,129		10-10-2000	Henning et al.		
	US-6,139	,700	10-31-2000	Kang et al.		
	US-6,143	,659	11-07-2000	Leem		
	US-6,143	,077	11-07-2000	lkeda et al.	1	
	US-6,143	,078	11-07-2000	Ishikawa et al.		
	US-6,144	,060	11-07-2000	Park et al.		·
	US-6,149	,123	11-21-2000	Harris et al.		
	US-6,160	,243	12-12-2000	Cozad		
	US-6,161	,500	12-19-2000	Kopacz et al.		
	US-6,174	,366	01-16-2001	ihantola		
	US-6,174	,377	01-16-2001	Doering et al.		
32	US-6,174	,809	01-16-2001	Kang et al.		

Examiner Signature	Date Considered	12/2/05	
			

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2005. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	Under the Paperw	ork Reduction Act of	1995, no persons are requ	uired to respond to a collection of	idemant Unice; U finformation unless	S. DEPARTMENT OF COMMERCE it contains a valid OMB control number.
Substi	tute for form 1449A/B/I	PTO		Complete If Known		
1				Application Number	10/733,52	3-Conf. #9060
IN	FORMATIO	N DISCL	OSURE	Filing Date	December	10, 2003
ST	ATEMENT	BY APP	LICANT	First Named Inventor	Kevin L Be	eaman
	(Use as many sheets as necessary)			Art Unit	1762	
L	(Use as many s	T T T T T T T T T T T T T T T T T T T		Examiner Name	D. P. Turo	
Sheet	Sheet 5 of 1		13	Attorney Docket Number	10829871	8US
82	US-6,173	,673	01-16-2001	Golovato et al.		
	US-6,178	,660	01-30-2001	Emmi et al.		•
	US-6,182	2,603	02-02-2001	Shang et al.		
	US-6,192	.827	02-27-2001	Welch et al.		
	US-6,194	,628	02-27-2001	Pang et al.		
	US-6,193	,802	02-27-2001	Pang et al.		
	US-6,197	',119	03-06-2001	Dozoretz et al.		
	US-6,200	,415	03-13-2001	Maraschin		
	US-6,203	,613	03-20-2001	Gates et al.		
	US-6,206	5,972	03-27-2001	Dunham		•
	US-6,211	,078	04-03-2001	Matthews		
	US-6,211	,033	04-03-2001	Sandhu et al.		
	US-6,210	,754	04-03-2001	Lu et al.		
	US-6,214	,714	04-10-2001	Wang et al.		
	US-6,237	7,394	05-29-2001	Harris et al.		
	US-6,237	7,529	05-29-2001	Spahn		
	US-6,245	,192	06-12-2001	Dhindsa et al.		
	US-6,255	,222	07-03-2001	Xia et al.		
	US-6,263	3,829	07-24-2001	Schneider et al.		
\Box	US-2001	/0010309-A1	08-02-2001	Van Bilsen		
	US-6,270),572	08-07-2001	Kim et al.		
	US-2001	/0011526-A1	08-09-2001	Doering et al.		
	US-6,280),584	08-28-2001	Kumar et al.		
	US-6,287	,980	09-11-2001	Hanazaki et al.		
	US-6,287	7,965	09-11-2001	Kang et al.		
	US-6,291	,337	09-18-2001	Sidhwa		
	US-6,290),491	09-18-2001	Shahvandi et a	l <u>.</u>	· · · · · · · · · · · · · · · · · · ·
	US-2001	/0024387-A1	09-27-2001	Raaijmakers et	al.	
	US-6,297	7,539	10-02-2001	Ma et al.		
	US-6,302	2,964	10-16-2001	Umotoy et al.		
	US-6,302	2,965	10-16-2001	Umotoy et al.		
25	US-6,303	3,953	10-16-2001	Doan et al.		

Examiner Signature	Date Considered	12/2	105
			<i></i>

Subst	itute for form 1449A/B/P1		east to be sone are refu		Complete if I	Споwп
			Application Number	plication Number 10/733,523-Conf. #9060		
IN	FORMATION	N DISCL	OSURE	Fling Date December 10, 2003		r 10, 2003
ST	ATEMENT I	BY APP	LICANT	First Named Inventor	Kevin L B	eaman
			Art Unit	1762		
	(Use as many sh	eels as neces:	ary)	Examiner Name	D. P. Turc	су
Sheet	6	of	13	Attorney Docket Number	10829871	8US
05	US-2001/0	029892-A1	10-18-2001	Cook et al.		
1	US-6,305,3	314	10-23-2001	Sneh et al.		
	US-6,309,1	161	10-30-2001	Hofmeister		
\sqcap	US-6,315,8	359	11-13-2001	Donohoe		
	US-2001/0	045187-A1	11-29-2001	Uhlenbrock		
	US-6,329,2	297	12-11-2001	Balish et al.		
	US-2001/0	054484-A1	12-27-2001	Komino		
	US-2002/0	007790-A1	01-24-2002	Park		
	US-6,342,2	277	01-29-2002	Sherman		
	US-6,346,4	477	02-12-2002	Kaloyeros et al.		
	US-6,347,6	602	02-19-2002	Goto et al.		
	US-6,347,9	918	02-19-2002	Blahnik		
	US-2002/0	020353-A1	02-21-2002	Redemann et al	Redemann et al.	
	US-6,355,	561	03-12-2002	Sandhu et al.		
	US-6,358,3	323	03-19-2002	Schmitt et al.		
	US-2002/0	043216-A1	04-18-2002	Hwang et al.		
	US-6,374,8	831	04-23-2002	Chandran et al.		
	US-2002/0	052097-A1	05-02-2002	Park		
П	US-6,387,	185	05-14-2002	Doering et al.		
П	US-6,387,2	207	05-14-2002	Janakiraman et	al.	
	US-2002/0	076508-A1	06-20-2002	Chiang et al.		
	US-2002/0	076490-A1	06-20-2002	Chiang et al.		
	US-2002/0	073924-A1	06-20-2002	Chiang et al.		
	US-2002/0	076507-A1	06-20-2002	Chiang et al.		
	US-6,420,	230	07-16-2002	Derderian et al.		
	US-6,419,4	462	07-16-2002	Horie et al.		·
	US-6,420,	742	07-16-2002	Ahn et al.	<u> </u>	
	US-2002/0	094689-A1	07-18-2002	Park		
	US-2002/0	100418-A1	08-01-2002	Sandhu et al.		
	US-6,428,	859	08-06-2002	Chiang et al.		
	US-2002/0	104481-A1	08-08-2002	Chiang et al.		
8	US-6,432,	831	08-13-2002	Dhindsa et al.		

· · · · · · · · · · · · · · · · · · ·		والمستنسة لنوالنا ليوري ومقية إنفاقوه
	Date Considered /	2/2/05
		

Subs	titute for form 1449A/B/PTO		Complete If Known		
		Application Number	10/733,52	3-Conf. #9060	
INFORMATION DISCLOSURE			Filing Date	December	10, 2003
Si	FATEMENT BY APPL	First Named Inventor	Kevin L Be	eaman	
			Art Unit	1762	
L	(Use as many she ets as necess:	<u>.</u>	Examiner Name	D. P. Turo	
Sheet	7 of	13	Attorney Docket Number	10829871	8US
8	US-6,432,259	08-13-2002	Noorbaksh et al		
1	US-6,432,256	08-13-2002	Raoux		•
	US-2002/0110991-A1	08-15-2002	Li		
	US-2002/0108714-A1	08-15-2002	Doering et al.		
	US-6,435,865	08-20-2002	Tseng et al.		
	US-6,444,039	09-03-2002	Nguyen		
	US-2002/0127745-A1	09-12-2002	Lu et al.		
	US-6,450,117	09-17-2002	Murugesh et al.		
	US-6,451,119	09-17-2002	Sneh et al.		
	US-2002/0129768-A1	09-19-2002	Carpernter et al		
\sqcap	US-6,458,416	10-01-2002	Derderian et al.		·
	US-6,461,931	10-08-2002	Eldridge		
	US-6,461,436	10-08-2002	Campbell et al.		
	US-2002/0144655-A1	10-10-2002	Chiang et al.		
	US-2002/0146512-A1	10-10-2002	Rossman		
\sqcap	US-2002/0164420-A1	11-07-2002	Derderian et al.		
\Box	US-2002/0162506-A1	11-07-2002	Sneh et al.		
	US-2002/0185067-A1	12-12-2002	Upham		
	US-2002/0195201-A1	12-26-2002	Beer		
	US-2002/0197402-A1	12-26-2002	Chiang et al.		
	US-2002/0195056-A1	12-26-2002	Sandhu et al.		
	US-2003/0003730-A1	01-02-2003	Li		
	US-2003/0000473-A1	01-02-2003	Chae et al.		
	US-2003/0003697-A1	01-02-2003	Agarwal et al.		
	US-6,503,330	01-07-2003	Sneh et al.		
	US-6,506,254	01-14-2003	Bosch et al.		
	US-2003/0013320-A1	01-16-2003	Kim et al.		
	US-6,509,280	01-21-2003	Choi		
\sqcap	US-2003/0023338-A1	01-30-2003	Chin et al.		
	US-2003/0024477-A1	02-06-2003	Okuda et al.		
	US-2003/0027428-A1	02-06-2003	Ng et al.		
本	US-2003/0027431-A1	02-06-2003	Sneh et al.		

Examiner	Date	17/2/
Signature	Considered	12/0/05

Attorney Docket No. 108298718US Disclosure No. 03-0120.00/UŞ

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	stitute for form 1449A/B/PT				Γ	a responding a consecution	Complete if K	
			Aρ	plication Number	10/733,523-Conf. #9060			
IN	INFORMATION DISCLOSURE		Fili	ng Date	December	10, 2003		
S	STATEMENT BY APPLICANT		Fir	st Named Inventor	Kevin L Be	eaman		
					Αrt	Unit	1762	
L	(Use as many she	ets as	necessai	'y)	E×	aminer Name	D. P. Turo	су
Sheet	8	of		13	Att	omey Docket Number	10829871	8US
₩	US-10/365	,085		02-11-2003		Carpenter et al.		
1	US-2003/0	03772	9-A1	02-27-2003		DeDontney et al		
	US-6,534,3	95		03-18-2003		Werkhoven et al		
	US-6,534,0	07		03-18-2003		Blonigan et al.		
	US-2003/0	06003	0-A1	03-27-2003		Lee et al.		
	US-6,540,8	38		04-01-2003		Sneh et al.		
	US-6,541,3	353		04-01-2003		Sandhu et al.		
	US-2003/0	06648	3-A1	04-10-2003		Lee et al.		
	US-2003/0	07061	8-A1	04-17-2003		Campbell et al.		
П	US-2003/0	07061	7-A1	04-17-2003		Kim et al.		
	US-2003/0	07060	9-A1	04-17-2003		Campbell et al.		
	US-6,551,9	929		04-22-2003		Kori et al.		
	US-2003/0	07527	'3-A1	04-24-2003		Kilpela et al.		
	US-2003/0	07968	6-A1	05-01-2003		Chen et al.		
	US-6,562,1	140		05-13-2003		Bondestam et al		
	US-6,562,1	141		05-13-2003		Clarke		
	US-2003/0	09837	'2-A1	05-29-2003		Kim		
	US-2003/0	09841	9-A1	05-29-2003	i	Ji et al.		
	US-6,573,1	184		06-03-2003		Park		
П	US-2003/0	10649	0-A1	06-12-2003		Jallepally et al.	<u> </u>	
	US-6,579,3	372		06-17-2003		Park		
	US-6,579,3	374		06-17-2003		Bondestam et al	l .	
	US-2003/0	12160	8-A1	07-03-2003		Chen et al.		
	US-6,596,0	085		07-22-2003		Schmitt et al.		
	US-6,602,3	346		08-05-2003		Gochberg		
	US-2003/0	15978	0-A1	08-28-2003		Carpenter et al.		
	US-10/665	,908		09-18-2003		Sarigiannis et al	<u></u>	
	US-6,630,2			10-07-2003		Chiang et al.		
	US-2003/0	19486	2-A1	10-16-2003		Mardian et al.		
	US-2003/0	19264	5-A1	10-16-2003		Liu		
	US-6,635,9			10-21-2003		Lee et al.		
Ø	US-6,638,8	379		10-28-2003		Hsieh et al.		

Cupulant Land	Date	1 1 1 1	<i>/</i>
Examiner	Date	1/2//2	166
	Considered	1 12/2/	
Signature	Considered	, ,	

Subc	litute for form 1449A/B/PTO			Complete if K	
3005	and the second s		Application Number	10/733,52	3-Conf. #9060
IN	FORMATION DISCLO	SURE	Filing Date December 10, 2003		10, 2003
•	FATEMENT BY APPL		irst Named Inventor Kevin L Beaman		eaman
			Art Unit	1762	
	(Use as many she ets as necess a	(y)	Examiner Name	D. P. Turo	су
Sheet	9 of	13	Attorney Docket Number	10829871	8US
B	US-6,638,672	10-28-2003	Deguchi		
r	US-2003/0203109-A1	10-30-2003	Dando et al.		
	US-2003/0200926-A1	10-30-2003	Dando et al.		
	US-6,641,673	11-04-2003	Yang		
П	US-6,673,196	01-06-2004	Oyabu		
\Box	US-2004/0003777-A1	01-08-2004	Carpenter et al.		
	US-2004/0007188-A1	01-15-2004	Burkhart et al.		
	US-2004/0035358-A1	02-26-2004	Basceri et al.		
	US-2004/0040502-A1	03-04-2004	Basceri et al.		
	US-2004/0040503-A1	03-04-2004	Basceri et al.		
	US-6,704,913	03-09-2004	Rossman		
	US-6,706,334	03-16-2004	Kobayashi et al.		
	US-6,705,345	03-16-2004	Bifano		·
	US-2004/0083959-A1	05-06-2004	Carpemter et al.		
	US-2004/0083961-A1	05-06-2004	Basceri		
	US-2004/0083960-A1	05-06-2004	Dando		
	US-2004/0099377-A1	05-27-2004	Newton et al.		
	US-2004/0124131-A1	07-01-2004	Aitchison et al.		
\Box	US-2004/0154538-A1	08-12-2004	Carpenter et al.		
	US-6,818,249-B2	11-16-2004	Derderian		
	US-2004/0226507-A1	11-18-2004	Carpenter et al.		
	US-6,821,347-B2	11-23-2004	Carpenter et al.		
	US-6,838,114-B2	01-04-2005	Capenter et al.		
	US-2005/0016984-A1	01-27-2005	Dando		·
	US-2005/0022739-A1	02-03-2005	Carpenter et al.		
	US-2005/0028734-A1	02-10-2005	Carpenter et al.		
	US-2005/0039680-A1	02-24-2005	Beaman et al.		
	US-2005/0039686-A1	02-24-2005	Zheng et al.		
	US-6,861,094-B2	03-01-2005	Derderian et al.		
	US-2005/0045100-A1	03-03-2005	Derderian		
	US-2005/0045102-A1	03-03-2005	Zheng et al.		
45	US-2005/0059261-A1	03-17-2005	Basceri et al.		
			•		

Examiner	Date	-/1/	′ 1
Signature	Considered	12/2/	82
L		7 7	

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
spond to a collection of information unless it contains a valid OMB control rumber.

Substitut	te for form 1449A/I	B/PTO		Complete if Known		
INFORMATION DISCLOSURE				Application Number	10/733,523-Conf. #9060	
				Filing Date	December 10, 2003	
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Kevin L Beaman	
-				Art Unit	1762	
(Use as many sheets as necessary)		Examiner Name	D. P. Turocy			
Sheet	10	of	13	Attorney Docket Number	108298718US	

			FOREIGN PATE	NT DOCUMENTS		_
Examiner Cite Initials* No.		Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Ø JP-4-2		JP-4-213818-A	08-04-1992	Sony Corp		Γ
1		JP-2001-82682-A	03-30-2001	Matsushita Refrig Co Ltd.		ŀ
		JP-1-273991-A	11-01-1989	Ishikawajima Harima Heavy Ind. Co. Ltd.		
		JP-63-256460;-A	10-24-1988	Oki Electric Ind. Co. Ltd.		
		WO-00/79019-A1	12-28-2000	Gadgil		
		WO-03/016587-A1	02-27-2003	ASM Microchemistry OY, et al.		
		WO-00/65649-A1	11-02-2000	Tokyo Electron Limited		
		WO-03/008662-A2	01-30-2003	Applied Materials, Inc.		\prod
		WO-03/028069-A2	04-03-2003	Applied Materials, Inc.		I
		WO-02/095807-A2	11-28-2002	Integrated Materials, Inc.		
		WO-02/073660-A2	09-19-2002	ASML US, Inc.		
		WO-00/63952-A1	10-26-2000	Integrated Materials, Inc.		I
\Box		WO-03/033762-A1	04-24-2003	Micron Technology, Inc.		
		WO-02/45871-A1	06-13-2002	Angstron Systems Inc.		I
		DE-198 51 824-A1	05-11-2000	Siemens AG		
		WO-03/052807-A1	06-26-2003	Tokyo Electron Limited		
		JP-9-82650-A	03-28-1997	Kokusai Electric Co. Ltd.		
		JP-10-223719-A	08-21-1998	Dainippon Screen Mfg. Co. Ltd.		
		JP-4-100533-A	04-02-1992	Mitsubishi Electric Corp.		I
		SU-598630	03-25-1978	Veremeichuk		
		JP-2002-164336-A	06-07-2002	Sony Corporation		
		WO-02/073329-A2	09-19-2002	Applied Materials, Inc.		l
		WO-03/035927-A2	05-01-2003	Applied Materials, Inc.		1
		WO-01/46490-A1	06-28-2001	Lam Research Corporation		
		WO-98/37258-A1	08-27-1998	Moore Epitaxial Inc.		1
		WO-02/081771-A2	10-17-2002	Angstron Systems, Inc.		1
\mathfrak{A}		WO-99/06610-A1	02-11-1999	Applied Komatsu Technology, Inc.		
xaminer ignature		Da		Date Considered	12/2/05	-

Subs	stitute for form 1449A/B/P	TO			Complete if Kno	wn	
	Salute for form 144074 Car			Application Number	10/733,523-0	Conf. #9060	
IN	IFORMATION	N DISC	LOSURE	Filing Date	0, 2003		
S	TATEMENT	BY AP	PLICANT	First Named Inventor	Kevin L Bear	man	
				Art Unit	1762		
1	(Use as many sh	eets as nec	essary)	Examiner Name	D. P. Turocy		
Sheet	11	of	13	Attorney Docket Number	1082987180	IS	
ap	WO-02/48	427-A1	06-20-2002	Tokyo Electron L	imited		
1	EP-1 167 5	569-A1	01-02-2002	IPS Limited			
	WO-00/40	772-A1	07-13-2000	Genus, Inc.		•	
	JP-11-172	438-A	06-29-1999	Samsung Electro	n Co. Ltd.		4
	JP-8-3467	8-A	02-06-1996	Matsushita Electr	ic Works		4
	JP-6-1515	58-A	05-31-1994	Tokyo Electron L	td.		1
	JP-6-3427	85-A	12-13-1994	Fujitsu Ltd.			1
	JP-2001-2	61375-A	09-26-2001	Toshiba Ceramic	s Co. Ltd.		1
ST	JP-2001-2	54181-A	09-18-2002	Tokyo Electron L	td.		1

'EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WiPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WiPO Standard ST.16 if possible. * Applicant is to place a check mark here if English tanguage Translation is attached.

·		NON PATENT LITERATURE DOCUMENTS	
Examiner Cite Initials No.		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
85		Integrated Process Systems Ltd., "ALD & CVD", 2 pages, retrieved from the Internet on December 11, 2001, http://www.ips-tech.com/eng/pro-p2-2.htm .	
1		Deublin Company, "Rotating Unions", 1 page, retrieved from the Internet on February 4, 2002, http://www.com/products/rotatingunions.htm .	
		CAMERON, I., "Atomic Layer Deposition Chamber Works at Low Temperatures", 2 pages, Electronic Times, July 19, 2001, http://www.electronictimes.com/story/OEG20010719S0042 .	
		Cutting Edge Optronics, 600W QCW Laser Diode Array, Part Number: ARR48P600, 2 pages, October 2001, <www.ceolaser.com>.</www.ceolaser.com>	
Trai		HENNING, A.K., et al., "Microfluidic MEMS for Semiconductor Processing," IEEE Trans. Components, Packaging, and Manufacturing Technology B21, pp. 329-337, 1998.	
		FITCH, J.S., et al., "Pressure-Based Mass-Flow Control Using Thermopneumatically-Actuacted Microvalves," Proceedings, Sensors and Actuators Workshop, pp. 162-165 (Transducers Research Foundation, Cleveland, OH, 1998).	
80		HENNING, A.K., "Liquid and gas-liquid phase behavior in thermopneumatically actuated microvalves," Proceedings, Micro Fluidic Devices and Systems (SPIE, Bellingham, WA, 1998; A.B. Frazier and C.H. Ahn, eds.), Vol. 3515, pp. 53-63.	·

Examiner Signature		Date Considered	12	2/	105	
			7	7		

Substitute for form 1449A/B/PTO Application Number 10/733,523-Conf. #	
107 00,020 00 III. II	1 9060
INFORMATION DISCLOSURE Filing Date December 10, 2003	3
STATEMENT BY APPLICANT First Named Inventor Kevin L Beaman	
Art Unit 1762	
(Use as many sheets as necessary) Examiner Name D. P. Turocy	
Sheet 12 of 13 Attorney Docket Number 108298718US	
HENNING, A.K., et al., "Performance of MEMS-Based Gas Distribution and Systems for Semiconductor Processing", 8 pages, Proceedings, SEMICON Workshop on Gas Distribution (SEMI, Mountain View, CA, 1998).	West
MAILLEFER, D., et al., "A High-Performance Silicon Micropump for Disposa Delivery Systems," pp. 413-417, IEEE, 2001.	able Drug
HENNING, A.K., et al., "A thermopneumatically actuated microvalve for liqu expansion and proportional control", Proceedings, TRANSDUCERS '97: 19 International Solid State Sensors and Actuators Conference, pp. 825-828.	97
University of California, Berkeley, University Extension, "Atomic Layer Depo pages, September 24-25, 2001, http://www.unex.berkeley.edu/eng/br225/	1-1.html>.
ENGELKE, F., et al., "Determination of Phenylthlohydantoin-Amino Acids b Step Laser Sesorption/Multiphoton Ionization," Analytical Chemistry, Vol. 59 pp. 909-912, March 15, 1987, The American Chemical Society.	y Two- 9, No. 6,
COWIN, J.P., et al., "Measurement of Fast Desorption Kinetics of D2 From By Laser Induced Thermal Desorption," Surface Science, Vol. 78, pp. 545-5 North-Holland Publishing Company.	Tungsten 564, 1978,
READY, J.F., "Effects Due to Absorption of Laser Radiation," Journal of Applysics, Vol. 36, No. 2, pp. 462-468, February 1965, Journal of Applied Physican Institute of Physics.	plied ysics,
ZARE, R.N., et al. "Mass Spectrometry of Molecular Adsorbates Using Last Desorption/Laser Multiphoton Ionization," Bulletin of the Chemical Society of Vol. 61, No. 1, pp. 87-92, January 1988.	er of Japan,
Tokyo Electron Limited, Plasma Process System, Trias SPA, 1 page, retrieve the Internet on October 16, 2004, http://www.tel.com/eng/products/spe/sdtriasspa.htm .	ved from
OLSSON, A., "Valve-less Diffuser Micropumps", ISSN 0281-2878, 66 page	s, 1998.
BARDELL, R.L., et al., "Designing High-Performance Micro-Pumps Based of Moving-Parts Valves", DSC-Vol. 62/HTD-Vol. 354, Microelectromechanical (MEMS) ASME 1997, pp. 47-53.	on No- Systems
HENNING, A.K., et al., "Performance of MEMS-Based Gas Distribution and Systems for Semiconductor Processing," Proceedings, Micromachined Dev Components (SPIE, Bellingham, WA, 1998; P.J. French and K. Chau, eds.) 3514, pp. 159-170.	ices and
HENNING, A.K. et al., "Contamination Reduction Using MEMS-BASED, High Precision Mass Flow Controllers," Proceedings, SEMICON West Symposius Contamination Free Manufacturing for Semiconductor Processing (SEMI, Noview, CA, 1998), pp. 1-11.	m on
HENNING, A.K., "Microfluidic MEMS," Proceedings, IEEE Aerospace Confe Paper 4.906 (IEEE Press, Piscataway, NJ, 1998), 16 pages.	erence,

Examiner	Date	17/1	100
Signature	Considered	1010	79.
			7

Attorney Docket No. 108298718US Disclosure No. 03-0120,00/US

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE spand to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO		Complete If Known				
		Application Number	10/733,523-Conf. #9060			
INFORMATION DISCLOSURE			LOSURE	Filing Date	December 10, 2003	
STATEMENT BY APPLICANT		First Named Inventor	Kevin L Beaman			
				Art Unit	1762	
(Use as many sheets as necessary)		Examiner Name	D. P. Turocy			
Sheet	13	of	13	Attorney Docket Number	108298718US	

8	PETERS, L., "Thermal Processing's Tool of Choice: Single-Wafer RTP or Fast Ramp Batch?" Semiconductor International, April 1, 1998, 8 pages, http://www.e-incite.net/semiconductor/index.asp?alyout+article&articleid=CA163937 .	
00	The University of Adelaide, Australia, Department of Chemistry, "Spectroscopy", 2 pages, retrieved from the Internet on February 9, 2002, http://www.chemistry.adelaide.edu.au/external/Soc-Rel/Content/spectros.htm .	
80	Deublin Company, "Sealing," 2 pages, retrieved from the Internet on February 4, 2002, http://www.deublin.com/products/sealing.htm .	
Ø	Deublin Company, "Precision Rotating Connections for Water, Steam, Air, Hydraulic, Vacuum, Coolant and Hot Oil Service," 1 page, retrieved from the Internet on February 4, 2002, http://www.deublin.com >.	
Ø	Integrated Process Systems Ltd., "Nano-ALD", 2 pages, retrieved from the Internet on December 11, 2001, http://www.ips-tech.com/eng/pro-p2.htm .	
85	Integrated Process Systems Ltd., "Welcome to IPS Ltd.", 1 page, retrieved from the Internet on December 11, 2001, http://www.ips-tech.com/eng/main.htm .	
a	TAKAHASHI, K et al., "Process Integration of 3D Chip Stack with Vertical Interconnection," pp. 601-609, 2004 Electronic Components and Technology Conference, IEEE, June 2004.	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.